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local authorities become also a federalized officer and as such an integral part of the Department of Public Health." The Department of Public Health is directed to cooperate with the Departments of Commerce, Labor and the Interior in the collection of vital statistics and to establish a uniform system of cards, records and reports regarding diseases, disabilities, industrial accidents, births, deaths, physical condition of school children, the number and condition of existing hospitals, etc. The bill provides for the appropriation of \$15,000,000 for 1920 to be prorated among the states in proportion to their population as soon as the states comply with the provisions of the law and the regulations of the secretary of public health, provided that each cooperating state must contribute to the public health work a sum equal to that contributed by the federal government and that it must make full and complete reports of births, deaths and morbidity. It also appropriates \$48,000,000 for the construction of sanatoriums and hospitals, this sum to be distributed among the states in proportion to their population, each state receiving its allotment to provide an equal amount, also location, plans and means of future support for the proposed hospital.

THE ROCKEFELLER INSTITUTE OF MEDICAL RESEARCH

THE Board of Scientific Directors of The Rockefeller Institute for Medical Research announces the following promotions and appointments:

Dr. Harold L. Amoss, hitherto an associate in pathology and bacteriology, has been made an associate member.

Dr. Oswald T. Avery, hitherto an associate in medicine, has been made an associate member.

The following have been made assistants:

Miss Clara J. Lynch (pathology and bacteriology).
Dr. Waro Nakahara (pathology and bacteriology).

The following new appointments are announced:

Dr. Homer F. Swift, associate member in medicine.
Dr. Francis G. Blake, associate in medicine.
Dr. Raymond G. Hussey, associate in pathology and bacteriology.

Dr. J. Harold Austin, assistant in medicine and assistant resident physician.

Dr. Albert H. Ebeling, assistant in experimental surgery.

Dr. Ferdinand H. Haessler, assistant in pathology and bacteriology.

Dr. Thorsten Ingvaldsen, assistant in chemistry.

Dr. Charles W. Barrier, fellow in pathology and bacteriology.

Dr. J. Jay Keegan, fellow in pathology and bacteriology.

Dr. Philip D. McMaster, fellow in pathology and bacteriology.

Dr. Alphonse R. Dochez, hitherto an associate member in medicine, has accepted an appointment as associate professor of medicine in the medical department of Johns Hopkins University.

Dr. Arthur L. Meyer, hitherto an associate in physiology and pharmacology, has accepted an appointment as associate in physiology in the school of hygiene and public health, Johns Hopkins University.

THE RAMSAY MEMORIAL

At a meeting of subscribers of the Ramsay Memorial Fund held at University College, London, the committee submitted a report showing that £43,000 in cash was already in hand, and £70,000 was in view, so that £100,000 aimed at was within realization. The sum already collected is probably the largest which has ever been raised in honor of any man of science, however distinguished. Sir Hugh Bell explained the views of the committee with regard to the application of the money, and after hearing him the meeting agreed to the following resolution:

1. That a sum of £25,000 be definitely allotted to the senate of the University of London towards the provision of a laboratory of chemical engineering at University College, London, on the site proposed in close proximity to the existing engineering buildings.

2. That the executive committee be empowered to employ the balance of the fund already subscribed, and all future donations to be received, to the foundation of Ramsay Memorial Fellowships to the number of three or to such smaller number as they may deem expedi-

ent until the fund is sufficient for founding fellowships.

3. That if and when the amount of the fund exceeds the sum required for giving effect to resolutions (1) and (2) the division of such further sum between the augmentation of the sum allotted for the chemical engineering laboratory and the augmentation of the number of available fellowships be referred to the executive committee for decision.

SCIENTIFIC NOTES AND NEWS

DR. JOHN CAMPBELL MERRIAM, professor of paleontology and historical geology in the University of California, who has been acting chairman of the National Council of Research, was elected president of the Pacific Division of the American Association for the Advancement of Science at the Pasadena meeting.

ON the occasion of the seventieth birthday of Sir William Osler, regius professor at Oxford University and previously professor in the Johns Hopkins University, which occurred on July 12, he was presented by Sir Clifford Allbutt with a collection of essays contributed by about one hundred of his pupils and colleagues.

DR. F. G. COTTRELL, chief metallurgist of the Bureau of Mines, has been named assistant director in charge of all investigative and scientific work and J. E. Spurr, chief of investigative work in connection with relief claims has resigned to become editor of the *Engineering and Mining Journal* of New York.

AT its recent commencement the University of Maine conferred the degree of LL.D. upon Dr. Raymond Pearl, of Johns Hopkins University.

MAJOR WILLIAM BOWIE, chief of the Division of Geodesy, U. S. Coast and Geodetic Survey, received the degree of doctor of science at Trinity College, Hartford, Connecticut, on June 23, Major Bowie sailed from New York on July 5 to attend as a delegate from the United States Coast and Geodetic Survey, the conference of the International

Research Council, which is being held at Brussels from July 18 to August 10.

SIR FRANCIS YOUNGHUSBAND, known for his works on Asia and Africa, has been elected president of the Royal Geographical Society to succeed Sir Thomas Holdrich.

MR. L. G. RADCLIFFE, of the Municipal College of Technology, Manchester, has been awarded the gold medal of the Worshipful Company of Dyers, London, for his researches on the sulphonation of fixed oils.

A RAMSAY Memorial Fellowship has been awarded to Elrid G. Young, M.Sc., of McGill University. These fellowships are of the value of \$1,500, and are given to the students for ability in research to enable them to continue their work in one of the British universities.

It is reported in *Nature* that in reply to a question in the House of Commons on July 8, it was stated that the appointment of Major C. E. Mendenhall, professor of physics in the University of Wisconsin, as scientific attaché to the United States Embassy has been notified to the Foreign Office by the United States Ambassador. No steps have as yet been taken to appoint a scientific attaché to Washington. The appointment of Professor Mendenhall was a war measure and it has yet to be decided whether the post will be made permanent.

CAPTAIN EBSON Y. TITUS has been appointed assistant professor of chemistry at the University of Wisconsin. Captain Titus received his doctorate at Wisconsin in 1917. Shortly thereafter he entered military service and became gas officer of the Sixth Division in France. In November, 1918, he returned to the United States and was detailed to the Ordnance Department and was made chief chemist for Nitrate Plant No. 1 at Sheffield, Alabama.

DR. ISAAC F. HARRIS, head of the department of biochemistry of E. R. Squibb and Sons, has moved from the laboratories at New Brunswick, New Jersey, to the offices of this company in New York. During the last years of the war, Dr. Harris constructed and equipped a factory at New Brunswick for the manufacture of the chlorinated derivatives of toluol-chloramine-T and dichloramine-T, which were